

**Serial No.:** Not yet assigned  
**Filed:** Herewith

In the claims:

✓ Please cancel Claims 1-118 without prejudice or disclaimer.

Please add new Claims 119-138 as follows.

--119. (New) An isolated nucleic acid having at least 80% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

120. (New) The isolated nucleic acid of Claim 119 having at least 85% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

**Serial No.:** Not yet assigned  
**Filed:** Herewith

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

121. (New) The isolated nucleic acid of Claim 119 having at least 90% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

**Serial No.:** Not yet assigned  
**Filed:** Herewith

122. (New) The isolated nucleic acid of Claim 119 having at least 95% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

02 (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

123. (New) The isolated nucleic acid of Claim 119 having at least 99% nucleic acid sequence identity to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

**Serial No.:** Not yet assigned  
**Filed:** Herewith

- (e) the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19);
- (f) the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19); or
- (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

124. (New) An isolated nucleic acid comprising:
- (a) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20);
  - (b) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;
  - (c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20);
  - (d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;
  - (e) the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19);
  - (f) the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19); or
  - (g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

125. (New) The isolated nucleic acid of Claim 124 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20).

**Serial No.:** Not yet assigned  
**Filed:** Herewith

126. (New) The isolated nucleic acid of Claim 124 comprising a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide.

127. (New) The isolated nucleic acid of Claim 124 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20).

128. (New) The isolated nucleic acid of Claim 124 comprising a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide.

129. (New) The isolated nucleic acid of Claim 124 comprising the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19).

130. (New) The isolated nucleic acid of Claim 124 comprising the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19).

131. (New) The isolated nucleic acid of Claim 124 comprising the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

132. (New) An isolated nucleic acid that hybridizes to:

(a) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20);

(b) a nucleic acid sequence encoding the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

**Serial No.:** Not yet assigned

**Filed:** Herewith

(c) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20);

(d) a nucleic acid sequence encoding the extracellular domain of the polypeptide shown in Figure 12 (SEQ ID NO:20), lacking its associated signal peptide;

(e) the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19);

(f) the full-length coding sequence of the nucleic acid sequence shown in Figure 11 (SEQ ID NO:19); or

(g) the full-length coding sequence of the cDNA deposited under ATCC accession number 209792.

133. (New) The isolated nucleic acid of Claim 132, wherein said hybridization occurs under stringent conditions.

134. (New) The isolated nucleic acid of Claim 132 which is at least 10 nucleotides in length.

135. (New) A vector comprising the nucleic acid of Claim 119.

136. (New) The vector of Claim 135, wherein said nucleic acid is operably linked to control sequences recognized by a host cell transformed with the vector.

137. (New) A host cell comprising the vector of Claim 135.

138. (New) The host cell of Claim 137, wherein said cell is a CHO cell, an *E. coli* or a yeast cell.--